



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

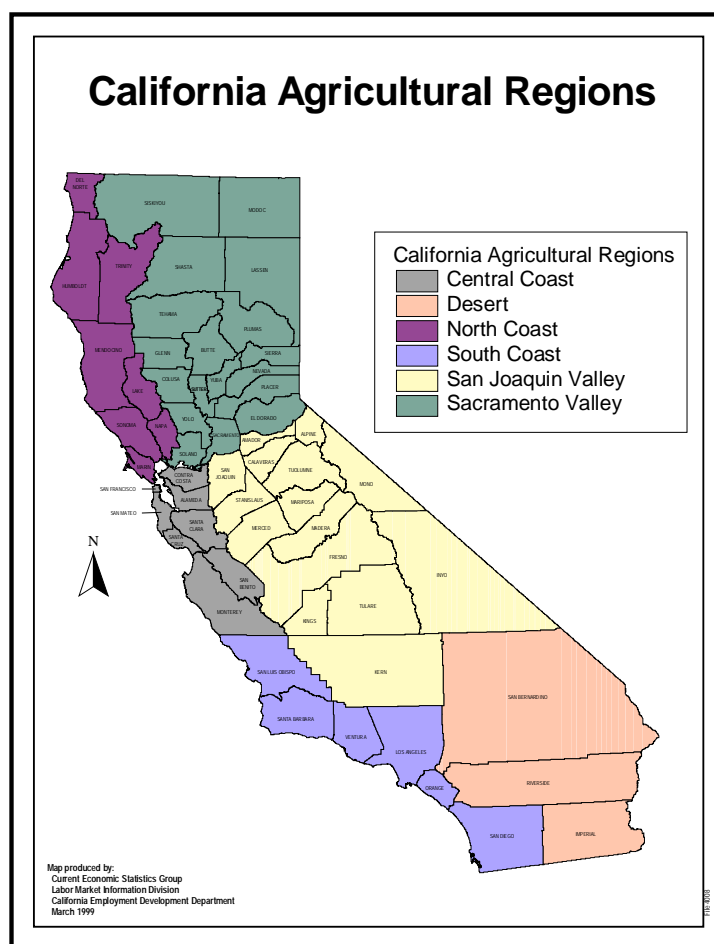
May 2001
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Summary

Employment

Total California agricultural employment for May 2001 increased 58,200 jobs over the previous month for a gain of 15 percent. Total Agricultural Production increased 24,700 from April 2001 to May 2001, a gain of 11 percent. Agricultural Services increased by 33,500 jobs, a gain of 20 percent. Seasonal increases in both Agricultural Production and Agricultural Services are normal for the month of May. The change in California agricultural employment from April 2000 to May 2000 was an increase of 49,500 jobs.

The largest increase among Production Crops was registered in Other Fruit and Nut crops with a gain of 8,200. Grape crops increased by 6,300. Farm Labor Contractor Services registered the largest gain overall with an increase of 23,800 jobs. The largest decrease for the month was registered in General Farm Crops with a loss of 5,800. Total agricultural employment increased 41 percent in the Central Valley Region, 28 percent in the Desert Region, 12 percent in the San Joaquin Valley Region, nine percent in the North Coast Region, and one percent in the South Coast and Sacramento Valley Regions.

Production and Crop Activity

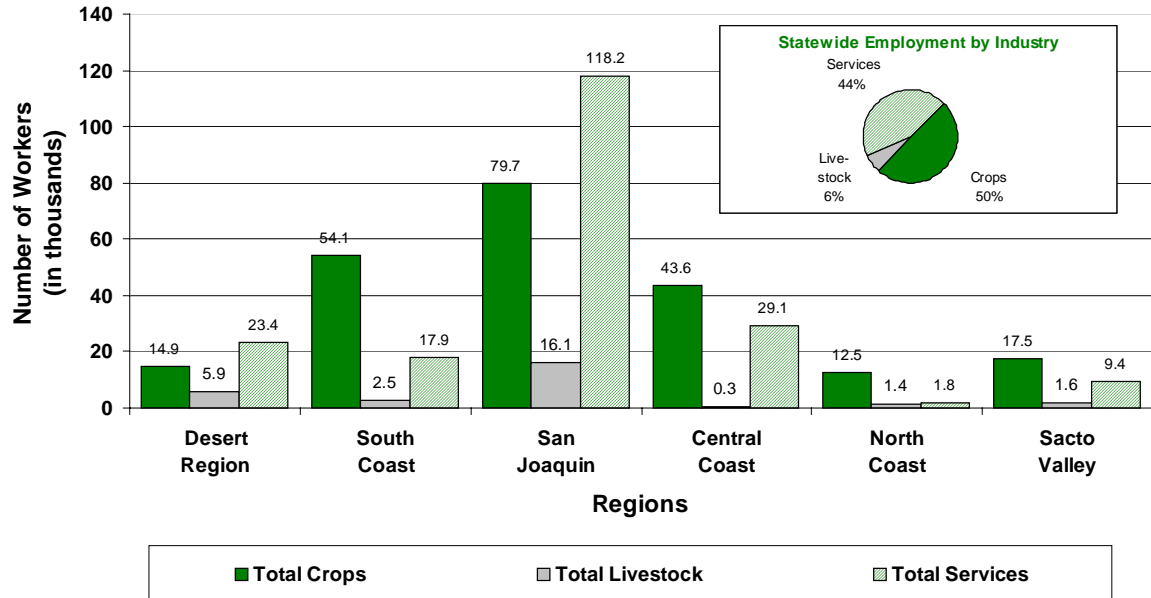
Cotton growers were irrigating, cultivating, and applying herbicides. Thinning and weeding by hand was underway and some cotton fields were treated for mites. Alfalfa fields were also irrigated, cultivated, and treated with herbicides for weed control. Cutting, windrowing and baling of alfalfa hay continued in many areas. Oat straw was also baled. The cutting of silage in winter forage fields continued. Cornfields were irrigated, fertilized, and treated to control weeds and insects. Corn was planted in some fields from which other crops had been recently harvested. Sugar beets were irrigated and the planting of rice, safflower, and dry beans continued. A few dry bean fields were treated for beetles. Late planting of tomato and bell pepper transplants continued in a few locations. Honeydew melon planting continued. Processing tomato fields were weeded, irrigated, fertilized, and treated for flea beetles and other insects. Onion and garlic fields were also irrigated, cultivated, and fertilized. A few onion fields were harvested and the crop set out to dry. Watermelon fields were sprayed for mites and loopers. The cantaloupe harvest was off to a slow start but the picking of cucumbers, eggplant, zucchini and yellow squash was progressing rapidly. Some asparagus was still being cut and the harvest of cabbage and cauliflower continued. Other vegetables harvested during the month included basil, bok choy, broccoli, carrots, collard greens, cilantro, cucumbers, daikon, eggplant, green onions, leeks, lettuce, mustard greens, okra, parsley, radishes, radicchio, sugar and snap peas, spinach, and sweet corn.

Fruit growers continued late spring cultural activities including weed control, fungicide applications, and irrigation of trees and vines. Grape growers applied growth regulators to increase berry size. Shoot thinning continued in table grape vineyards. The harvesting of table grapes was underway and the picking of peaches, nectarines, plums, and peaches continued. Insecticides and fungicides were applied to apple and almond trees. Walnut orchards were treated for weeds and blight. Grapefruit picking was active in the desert areas and the lemon harvest was active in the south coast area. Valencia oranges were harvested and strawberry picking continued.

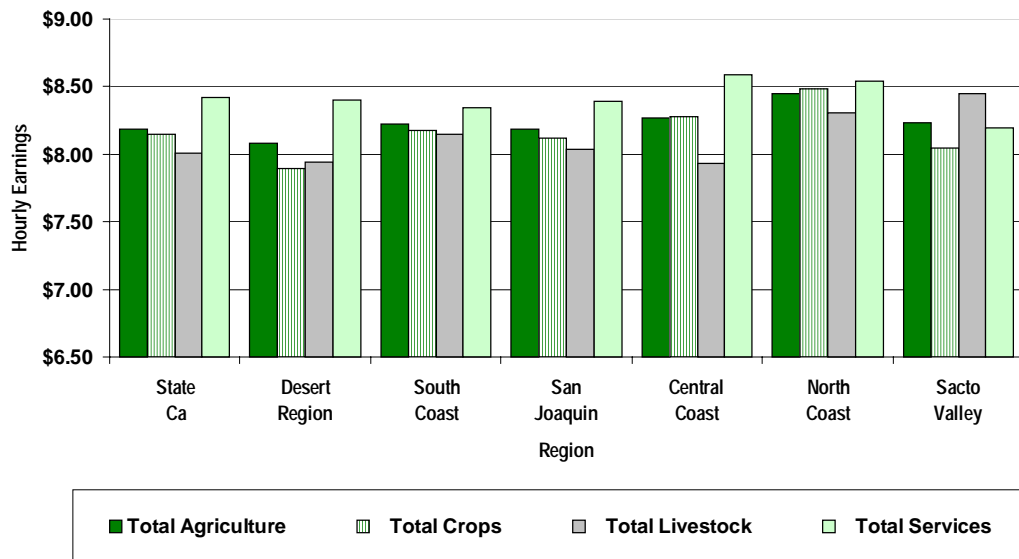
Cattle were moved to market or to summer pastures. Permanent pastures were irrigated in valley locations. Bees were removed from apple orchards and hives were placed in citrus orchards, vineyard fields, and kiwi vineyards. Beehives were also placed in squash, cantaloupe, and seedless watermelon fields to improve pollination.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	449.9	391.7	459.2
Total Agricultural Production/Crops	222.3	197.9	233.1
Cash Grains	4.1	3.7	3.4
Rice	1.8	2.7	2.1
Other Cash Grains	2.3	1.0	1.3
Field Crops Except Grains	20.7	14.6	12.8
Cotton	7.5	6.4	6.2
Other Field Crops	13.2	8.2	6.6
Vegetables and Melons	46.0	39.9	37.5
Total Fruits and Tree Nuts	96.6	79.9	107.2
Berries	25.5	22.6	29.4
Grapes	34.6	28.3	41.9
Tree Nuts	5.8	7.8	7.7
Citrus Fruits	3.7	3.6	4.5
Deciduous Tree Fruit	10.0	8.8	15.2
Other Fruits & Nuts	17.0	8.8	8.5
Total Horticultural Specialties	34.9	34.0	40.1
Ornamental Floral & Nursery	34.4	32.7	36.3
Food Crops Grown Under Cover	0.5	1.3	3.8
General Farm Primarily Crop	20.0	25.8	32.1
Agricultural Production/Livestock	27.8	27.5	29.0
Beef Cattle Feed Lots	0.9	1.2	0.8
Beef Cattle Except Feed Lots	2.2	2.1	3.4
Dairy Farms	12.7	12.3	16.4
Chicken Eggs	4.4	4.0	2.5
Turkey & Turkey Eggs	0.7	0.4	0.9
Other Livestock	6.9	7.5	5.0
Total Agricultural Services	199.8	166.3	197.1
Soil Preparation Services	0.6	0.4	1.5
Crop Services	52.9	43.9	51.1
Plant Cultivate & Protection	8.5	6.4	7.6
Harvest Primarily by Machine	9.4	5.7	6.5
Preparation Services for Market	34.4	31.1	36.2
Cotton Ginning	0.6	0.7	0.8
Total Farm Labor & Management	146.3	122.0	144.5
Farm Labor Contractors	136.6	112.8	134.1
Farm Management Services	9.7	9.2	10.4

Average Hourly Earnings (In dollars per hour)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	8.19	8.20	8.08
Total Agricultural Production/Crops	8.14	8.13	7.92
Cash Grains	8.29	8.32	8.12
Rice	8.23	8.35	8.11
Other Cash Grains	8.35	8.29	8.14
Field Crops Except Grains	8.03	7.91	7.86
Cotton	7.89	7.70	7.55
Other Field Crops	8.17	8.12	8.18
Vegetables and Melons	8.17	8.13	7.84
Total Fruits and Tree Nuts	7.92	7.99	7.76
Berries	7.60	7.70	7.93
Grapes	8.02	8.04	7.61
Tree Nuts	7.68	8.11	7.62
Citrus Fruits	7.94	7.94	7.70
Deciduous Tree Fruit	7.96	7.80	7.61
Other Fruits & Nuts	8.35	8.32	8.10
Total Horticultural Specialties	8.27	8.31	8.02
Ornamental Floral & Nursery	8.20	8.31	7.86
Food Crops Grown Under Cover	8.34	8.30	8.18
General Farm Primarily Crop	8.18	8.15	7.91
Agricultural Production/Livestock	8.00	8.03	7.82
Beef Cattle Feed Lots	8.00	8.04	8.22
Beef Cattle Except Feed Lots	8.20	8.28	8.12
Dairy Farms	8.64	8.63	8.16
Chicken Eggs	7.25	7.29	6.84
Turkey & Turkey Eggs	7.67	7.67	7.75
Other Livestock	8.27	8.30	7.84
Total Agricultural Services	8.42	8.44	8.48
Soil Preparation Services	8.30	8.29	8.68
Crop Services	8.70	8.74	8.63
Plant Cultivate & Protection	8.56	8.68	8.30
Harvest Primarily by Machine	8.91	8.80	8.64
Preparation Services for Market	8.07	8.10	8.11
Cotton Ginning	9.25	9.40	9.49
Total Farm Labor & Management	8.27	8.29	8.14
Farm Labor Contractors	8.11	8.06	7.78
Farm Management Services	8.44	8.52	8.50

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	73.0	51.7	64.7
Total Agricultural Production/Crops	43.6	30.4	40.4
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	5.5	0.5	0.3
Cotton	0.0	0.0	0.0
Other Field Crops	5.5	0.5	0.3
Vegetables and Melons	12.7	12.5	15.0
Total Fruits and Tree Nuts	14.1	7.5	12.0
Berries	11.0	5.3	10.3
Grapes	0.4	0.5	1.0
Tree Nuts	0.0	0.7	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.0	0.1	0.4
Other Fruits & Nuts	2.7	0.9	0.1
Total Horticultural Specialties	8.5	8.0	10.5
Ornamental Floral & Nursery	8.0	7.5	8.3
Food Crops Grown Under Cover	0.5	0.5	2.2
General Farm Primarily Crop	2.8	1.9	2.6
Agricultural Production/Livestock	0.3	0.1	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.3
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.3	0.1	0.4
Total Agricultural Services	29.1	21.2	23.3
Soil Preparation Services	0.0	0.0	0.3
Crop Services	10.5	8.3	9.6
Plant Cultivate & Protection	0.1	0.0	0.9
Harvest Primarily by Machine	2.6	1.7	1.9
Preparation Services for Market	7.8	6.6	6.8
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	18.6	12.9	13.4
Farm Labor Contractors	17.7	12.0	12.2
Farm Management Services	0.9	0.9	1.2

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	8.27	8.31	8.07
Total Agricultural Production/Crops	8.28	8.33	8.10
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.20	8.22	7.84
Cotton	na	na	na
Other Field Crops	8.20	8.22	7.84
Vegetables and Melons	8.35	8.46	8.01
Total Fruits and Tree Nuts	8.20	8.25	8.19
Berries	7.95	7.95	8.58
Grapes	7.98	8.00	7.98
Tree Nuts	na	8.57	7.87
Citrus Fruits	na	na	na
Deciduous Tree Fruit	na	8.25	8.14
Other Fruits & Nuts	8.67	8.50	8.37
Total Horticultural Specialties	8.40	8.50	8.38
Ornamental Floral & Nursery	8.45	8.66	8.47
Food Crops Grown Under Cover	8.34	8.34	8.28
General Farm Primarily Crop	8.27	8.21	8.11
Agricultural Production/Livestock	7.93	8.05	7.73
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.12
Dairy Farms	na	na	8.16
Chicken Eggs	na	na	6.66
Turkey & Turkey Eggs	na	na	7.75
Other Livestock	7.93	8.05	7.96
Total Agricultural Services	8.59	8.56	8.38
Soil Preparation Services	na	na	8.20
Crop Services	8.60	8.82	8.62
Plant Cultivate & Protection	8.22	na	8.10
Harvest Primarily by Machine	9.17	9.14	9.09
Preparation Services for Market	8.41	8.49	8.66
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.58	8.31	8.33
Farm Labor Contractors	8.57	8.00	7.87
Farm Management Services	8.59	8.61	8.78

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	44.2	34.6	43.5
Total Agricultural Production/Crops	14.9	12.5	17.6
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	0.4	1.6	1.5
Cotton	0.0	0.0	0.0
Other Field Crops	0.4	1.6	1.5
Vegetables and Melons	4.8	2.1	3.4
Total Fruits and Tree Nuts	6.4	5.5	7.8
Berries	0.2	0.1	0.3
Grapes	5.0	3.8	5.1
Tree Nuts	0.3	0.2	0.2
Citrus Fruits	0.2	0.3	0.6
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	0.7	1.1	1.5
Total Horticultural Specialties	1.6	1.6	1.6
Ornamental Floral & Nursery	1.6	1.6	1.5
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	1.7	1.7	3.2
Agricultural Production/Livestock	5.9	6.1	5.3
Beef Cattle Feed Lots	0.7	0.9	0.2
Beef Cattle Except Feed Lots	0.3	0.3	0.6
Dairy Farms	1.6	1.2	2.7
Chicken Eggs	2.0	2.2	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.3	1.5	0.6
Total Agricultural Services	23.4	16.0	20.6
Soil Preparation Services	0.1	0.1	0.2
Crop Services	6.0	4.7	5.0
Plant Cultivate & Protection	0.2	0.3	0.5
Harvest Primarily by Machine	1.7	1.1	0.9
Preparation Services for Market	4.0	3.1	3.3
Cotton Ginning	0.1	0.2	0.3
Total Farm Labor & Management	17.3	11.2	15.4
Farm Labor Contractors	16.2	10.3	14.0
Farm Management Services	1.1	0.9	1.4

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	8.08	8.06	7.95
Total Agricultural Production/Crops	7.89	7.82	7.92
Cash Grains	na	na	8.78
Rice	na	na	na
Other Cash Grains	na	na	8.78
Field Crops Except Grains	7.84	7.77	7.88
Cotton	na	na	na
Other Field Crops	7.84	7.77	7.88
Vegetables and Melons	7.90	7.77	7.39
Total Fruits and Tree Nuts	7.82	7.84	7.61
Berries	7.64	7.91	7.97
Grapes	7.66	7.52	7.25
Tree Nuts	7.13	7.54	6.73
Citrus Fruits	8.04	7.85	7.49
Deciduous Tree Fruit	na	na	7.61
Other Fruits & Nuts	8.61	8.36	8.58
Total Horticultural Specialties	7.82	7.95	8.08
Ornamental Floral & Nursery	7.82	7.95	7.68
Food Crops Grown Under Cover	na	na	8.47
General Farm Primarily Crop	8.08	7.78	7.81
Agricultural Production/Livestock	7.94	7.96	7.59
Beef Cattle Feed Lots	8.05	8.13	7.71
Beef Cattle Except Feed Lots	7.95	7.89	7.76
Dairy Farms	8.61	8.61	8.24
Chicken Eggs	7.09	7.10	6.55
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.02	8.06	7.68
Total Agricultural Services	8.40	8.40	8.35
Soil Preparation Services	8.15	8.09	8.42
Crop Services	8.75	8.72	8.39
Plant Cultivate & Protection	8.37	8.31	8.14
Harvest Primarily by Machine	9.37	9.11	8.40
Preparation Services for Market	7.92	7.86	7.66
Cotton Ginning	9.32	9.58	9.36
Total Farm Labor & Management	8.30	8.39	8.25
Farm Labor Contractors	8.35	8.46	8.47
Farm Management Services	8.25	8.32	8.03

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	15.7	14.4	17.0
Total Agricultural Production/Crops	12.5	11.0	12.4
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.1
Vegetables and Melons	4.9	4.4	0.3
Total Fruits and Tree Nuts	5.6	4.8	9.8
Berries	0.0	0.0	0.0
Grapes	4.6	3.9	8.9
Tree Nuts	0.1	0.1	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.4	0.6	0.7
Other Fruits & Nuts	0.5	0.2	0.1
Total Horticultural Specialties	1.5	1.7	1.9
Ornamental Floral & Nursery	1.5	1.7	1.7
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	0.5	0.1	0.3
Agricultural Production/Livestock	1.4	1.3	1.7
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.1	0.2	0.2
Dairy Farms	0.6	0.3	0.9
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.7	0.8	0.3
Total Agricultural Services	1.8	2.1	2.9
Soil Preparation Services	0.0	0.0	0.1
Crop Services	0.0	0.0	0.2
Plant Cultivate & Protection	0.0	0.0	0.1
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.1
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	1.8	2.1	2.6
Farm Labor Contractors	0.5	0.4	0.6
Farm Management Services	1.3	1.7	2.0

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	8.45	8.42	8.20
Total Agricultural Production/Crops	8.48	8.42	8.41
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	9.02
Cotton	na	na	na
Other Field Crops	na	na	9.02
Vegetables and Melons	8.57	8.47	8.44
Total Fruits and Tree Nuts	8.52	8.43	8.30
Berries	na	na	na
Grapes	8.70	8.74	8.75
Tree Nuts	8.14	8.30	7.75
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.54	8.09	8.67
Other Fruits & Nuts	8.70	8.60	8.03
Total Horticultural Specialties	8.62	8.66	8.20
Ornamental Floral & Nursery	8.62	8.66	8.12
Food Crops Grown Under Cover	na	na	8.28
General Farm Primarily Crop	8.22	8.10	8.07
Agricultural Production/Livestock	8.31	8.30	7.67
Beef Cattle Feed Lots	na	na	8.28
Beef Cattle Except Feed Lots	8.00	8.07	8.09
Dairy Farms	8.39	8.27	7.63
Chicken Eggs	na	na	6.76
Turkey & Turkey Eggs	na	na	7.75
Other Livestock	8.54	8.57	7.50
Total Agricultural Services	8.55	8.55	8.54
Soil Preparation Services	na	na	8.70
Crop Services	na	na	8.46
Plant Cultivate & Protection	na	na	8.28
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.64
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.55	8.55	8.45
Farm Labor Contractors	8.27	8.33	7.88
Farm Management Services	8.82	8.77	9.02

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	74.5	73.4	76.8
Total Agricultural Production/Crops	54.1	52.8	56.6
Cash Grains	0.1	0.1	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.1	0.1	0.1
Field Crops Except Grains	1.5	1.2	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	1.5	1.2	0.2
Vegetables and Melons	9.7	8.0	9.8
Total Fruits and Tree Nuts	25.0	22.6	24.0
Berries	14.3	17.2	18.6
Grapes	2.0	0.8	1.9
Tree Nuts	0.1	0.0	0.1
Citrus Fruits	0.8	0.8	1.5
Deciduous Tree Fruit	0.0	0.0	0.2
Other Fruits & Nuts	7.8	3.8	1.7
Total Horticultural Specialties	15.6	16.3	18.2
Ornamental Floral & Nursery	15.6	15.5	17.3
Food Crops Grown Under Cover	0.0	0.8	0.9
General Farm Primarily Crop	2.2	4.6	4.3
Agricultural Production/Livestock	2.5	2.4	2.1
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.2	0.1	0.3
Dairy Farms	0.0	0.0	0.2
Chicken Eggs	0.7	0.6	0.5
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.6	1.7	1.1
Total Agricultural Services	17.9	18.2	18.1
Soil Preparation Services	0.0	0.0	0.2
Crop Services	2.5	2.9	3.2
Plant Cultivate & Protection	0.8	0.5	0.6
Harvest Primarily by Machine	0.1	0.0	0.7
Preparation Services for Market	1.6	2.4	1.9
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	15.4	15.3	14.7
Farm Labor Contractors	14.5	14.1	13.1
Farm Management Services	0.9	1.2	1.6

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	8.22	8.23	8.16
Total Agricultural Production/Crops	8.17	8.27	8.09
Cash Grains	8.54	8.70	8.25
Rice	na	na	na
Other Cash Grains	8.54	8.70	8.25
Field Crops Except Grains	8.30	8.31	8.38
Cotton	na	na	na
Other Field Crops	8.30	8.31	8.38
Vegetables and Melons	8.02	7.93	7.75
Total Fruits and Tree Nuts	7.94	8.10	7.79
Berries	7.21	7.25	7.81
Grapes	8.06	8.13	7.76
Tree Nuts	7.59	na	7.75
Citrus Fruits	8.20	8.29	8.45
Deciduous Tree Fruit	na	na	6.77
Other Fruits & Nuts	8.62	8.74	8.17
Total Horticultural Specialties	8.02	8.24	8.03
Ornamental Floral & Nursery	8.02	8.21	7.45
Food Crops Grown Under Cover	na	8.26	8.61
General Farm Primarily Crop	8.23	8.32	8.33
Agricultural Production/Livestock	8.14	8.13	8.04
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.70	8.68	8.41
Dairy Farms	na	na	8.38
Chicken Eggs	7.41	7.49	7.45
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.32	8.23	7.90
Total Agricultural Services	8.35	8.29	8.36
Soil Preparation Services	na	na	8.97
Crop Services	8.55	8.43	8.22
Plant Cultivate & Protection	8.84	8.85	8.59
Harvest Primarily by Machine	8.96	na	8.41
Preparation Services for Market	7.85	8.01	7.66
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.14	8.15	7.88
Farm Labor Contractors	7.89	7.92	7.95
Farm Management Services	8.39	8.38	7.80

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	214.0	190.6	221.3
Total Agricultural Production/Crops	79.7	73.5	82.9
Cash Grains	2.3	1.3	0.7
Rice	0.8	0.7	0.1
Other Cash Grains	1.5	0.6	0.6
Field Crops Except Grains	12.2	10.2	9.3
Cotton	7.5	6.4	6.2
Other Field Crops	4.7	3.8	3.1
Vegetables and Melons	10.6	10.1	6.5
Total Fruits and Tree Nuts	39.7	33.2	44.6
Berries	0.0	0.0	0.1
Grapes	22.2	18.9	23.3
Tree Nuts	2.5	4.4	4.7
Citrus Fruits	2.7	2.5	2.4
Deciduous Tree Fruit	7.8	5.3	10.1
Other Fruits & Nuts	4.5	2.1	4.0
Total Horticultural Specialties	5.6	4.4	5.0
Ornamental Floral & Nursery	5.6	4.4	4.8
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	9.3	14.3	16.8
Agricultural Production/Livestock	16.1	15.5	16.7
Beef Cattle Feed Lots	0.2	0.3	0.4
Beef Cattle Except Feed Lots	0.7	0.7	1.4
Dairy Farms	10.0	10.3	11.7
Chicken Eggs	1.7	1.2	0.6
Turkey & Turkey Eggs	0.7	0.4	0.7
Other Livestock	2.8	2.6	1.9
Total Agricultural Services	118.2	101.6	121.7
Soil Preparation Services	0.5	0.3	0.6
Crop Services	30.4	25.3	30.1
Plant Cultivate & Protection	6.4	5.1	4.5
Harvest Primarily by Machine	4.3	2.5	2.5
Preparation Services for Market	19.2	17.2	22.6
Cotton Ginning	0.5	0.5	0.5
Total Farm Labor & Management	87.3	76.0	91.0
Farm Labor Contractors	82.2	71.5	87.2
Farm Management Services	5.1	4.5	3.8

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	8.18	8.20	8.04
Total Agricultural Production/Crops	8.12	8.06	7.58
Cash Grains	8.16	8.16	7.72
Rice	8.04	8.24	8.09
Other Cash Grains	8.27	8.08	7.34
Field Crops Except Grains	8.14	7.99	7.70
Cotton	7.89	7.70	7.55
Other Field Crops	8.39	8.28	7.85
Vegetables and Melons	8.25	8.11	7.82
Total Fruits and Tree Nuts	7.69	7.67	7.21
Berries	na	na	7.36
Grapes	7.81	7.81	6.47
Tree Nuts	8.00	8.08	7.68
Citrus Fruits	7.58	7.69	7.17
Deciduous Tree Fruit	7.40	7.13	6.82
Other Fruits & Nuts	7.64	7.63	7.73
Total Horticultural Specialties	8.04	8.03	7.64
Ornamental Floral & Nursery	8.04	8.03	7.64
Food Crops Grown Under Cover	na	na	7.75
General Farm Primarily Crop	8.43	8.40	7.41
Agricultural Production/Livestock	8.04	8.11	7.92
Beef Cattle Feed Lots	7.94	7.94	7.71
Beef Cattle Except Feed Lots	7.96	8.30	8.55
Dairy Farms	8.77	8.77	8.49
Chicken Eggs	7.24	7.27	6.76
Turkey & Turkey Eggs	7.67	7.67	7.75
Other Livestock	8.65	8.71	8.23
Total Agricultural Services	8.39	8.44	8.63
Soil Preparation Services	8.44	8.49	9.12
Crop Services	8.61	8.60	8.66
Plant Cultivate & Protection	8.77	8.80	8.44
Harvest Primarily by Machine	8.55	8.50	9.09
Preparation Services for Market	7.95	7.89	7.48
Cotton Ginning	9.18	9.21	9.62
Total Farm Labor & Management	8.13	8.23	8.11
Farm Labor Contractors	7.88	7.96	7.35
Farm Management Services	8.37	8.50	8.87

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	28.5	27.0	35.7
Total Agricultural Production/Crops	17.5	17.7	23.0
Cash Grains	1.7	2.3	2.5
Rice	1.0	2.0	2.0
Other Cash Grains	0.7	0.3	0.5
Field Crops Except Grains	1.1	1.1	1.4
Cotton	0.0	0.0	0.0
Other Field Crops	1.1	1.1	1.4
Vegetables and Melons	3.3	2.8	2.5
Total Fruits and Tree Nuts	5.8	6.3	9.0
Berries	0.0	0.0	0.1
Grapes	0.4	0.4	1.7
Tree Nuts	2.8	2.4	2.4
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.8	2.8	3.7
Other Fruits & Nuts	0.8	0.7	1.1
Total Horticultural Specialties	2.1	2.0	2.7
Ornamental Floral & Nursery	2.1	2.0	2.7
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	3.5	3.2	4.9
Agricultural Production/Livestock	1.6	2.1	2.2
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.9	0.8	0.6
Dairy Farms	0.5	0.5	0.8
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.2	0.8	0.7
Total Agricultural Services	9.4	7.2	10.5
Soil Preparation Services	0.0	0.0	0.1
Crop Services	3.5	2.7	3.0
Plant Cultivate & Protection	1.0	0.5	1.0
Harvest Primarily by Machine	0.7	0.4	0.5
Preparation Services for Market	1.8	1.8	1.5
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	5.9	4.5	7.4
Farm Labor Contractors	5.5	4.5	7.0
Farm Management Services	0.4	0.0	0.4

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	May 2001	Apr 2001	May 2000
Total Agriculture	8.23	8.23	8.11
Total Agricultural Production/Crops	8.05	8.12	7.85
Cash Grains	8.32	8.27	8.15
Rice	8.41	8.46	8.13
Other Cash Grains	8.23	8.08	8.17
Field Crops Except Grains	8.11	8.04	8.09
Cotton	na	na	na
Other Field Crops	8.11	8.04	8.09
Vegetables and Melons	7.93	8.05	7.65
Total Fruits and Tree Nuts	7.81	7.97	7.73
Berries	na	na	7.92
Grapes	7.89	8.03	7.44
Tree Nuts	7.55	8.07	7.94
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.93	7.72	7.64
Other Fruits & Nuts	7.85	8.07	7.73
Total Horticultural Specialties	8.26	8.35	7.76
Ornamental Floral & Nursery	8.26	8.35	7.81
Food Crops Grown Under Cover	na	na	7.71
General Farm Primarily Crop	7.87	8.06	7.70
Agricultural Production/Livestock	8.45	8.49	8.22
Beef Cattle Feed Lots	na	na	9.19
Beef Cattle Except Feed Lots	8.38	8.45	7.80
Dairy Farms	8.78	8.86	8.08
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.18	8.16	7.79
Total Agricultural Services	8.20	8.09	8.28
Soil Preparation Services	na	na	8.68
Crop Services	8.44	8.49	8.34
Plant Cultivate & Protection	8.59	8.75	8.26
Harvest Primarily by Machine	8.50	8.46	8.19
Preparation Services for Market	8.24	8.25	8.57
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.95	7.69	7.82
Farm Labor Contractors	7.67	7.69	7.14
Farm Management Services	8.23	na	8.50

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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